

MATERIAL SAFETY DATA SHEET
 KOP-COAT, INC.

PRODUCT EMERGENCIES: 800-547-0100
 OUTSIDE U.S.A.: 412-227-2700
 PRODUCT INFORMATION: 800-547-2468

KOP-COAT, INC.
 436 SEVENTH AVENUE
 PITTSBURGH, PA 15219

CHEMTREC ASSISTANCE: 800-424-9300
 CANUTEC: 613-996-6666

 SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: A800-66 (311-17875 White) DFM#70-9662

COMMODITY NUMBER: 5306180073111960

SYNONYM: None

PRODUCT USE: Paint/Coating

CHEMICAL FAMILY: Alkyd

FORMULA: Mixture

CAS NUMBER: None

DOT PROPER SHIPPING NAME: Paint

DOT HAZARD CLASS: Combustible liquid

UN/NA NUMBER: UN 1263

 SECTION II - HEALTH/SAFETY ALERT

CAUTION

COMBUSTIBLE LIQUID AND VAPOR
 HARMFUL IF INHALED OR SWALLOWED
 MAY CAUSE IRRITATION TO SKIN AND EYES
 AVOID PROLONGED OR REPEATED BREATHING OF VAPOR
 USE WITH ADEQUATE VENTILATION

AVOID PROLONGED AND/OR REPEATED CONTACT

OBSERVE GOOD HYGIENE AND SAFETY PRACTICES WHEN HANDLING THIS PRODUCT

DO NOT USE THIS PRODUCT UNTIL MSDS HAS BEEN READ AND UNDERSTOOD

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

 SECTION III - HEALTH HAZARD INFORMATION

EYE: Direct contact with liquid or vapor may cause irritation.

SKIN: Prolonged and/or repeated contact with the skin may cause defatting characterized by redness, cracking, blistering, irritation and dermatitis.

INHALATION: Inhalation of high concentrations of vapors may cause respiratory tract irritation and central nervous system depression characterized by headache, weakness, dizziness, incoordination and possible collapse.

INGESTION: May cause gastrointestinal disturbances such as nausea, vomiting, diarrhea and effects similar to those described under INHALATION. Aspiration of this product into the lung may cause chemical pneumonitis which can be fatal.

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OTHER: See SECTION XII - COMMENTS for additional information on health effects.

REVISION DATE: 09/89

CODE NUMBER: CTG00098SE8900

SPECIFICATION SHEET NUMBER:

REPLACES SHEET: NA

COMMODITY NUMBER: 5306180073111960

SUPPLIER INFORMATION: Same as manufacturer.

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SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with large amounts of water for 15 minutes. Seek medical aid.

SKIN CONTACT: Wash thoroughly with soap and water. If redness, itching, burning or other symptoms develop or persist, seek medical aid. Wash contaminated clothing before reuse.

INHALATION: Remove from exposure. If breathing has stopped or is difficult, administer artificial respiration or oxygen as indicated. Seek medical aid.

INGESTION: Do not induce vomiting. Give 1 glass of milk or 1 to 2 oz (30 to 60g) of activated charcoal in water to victim as tolerated. Seek medical aid. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTE TO PHYSICIAN: There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

SECTION V - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT & METHOD 102F/39C

AUTOIGNITION TEMP: ND

FLAMMABLE LIMITS (% BY VOLUME/AIR):

LOWER: ND

UPPER: ND

EXTINGUISHING MEDIA: Use carbon dioxide, dry chemical or foam. Water may be ineffective. Use carbon dioxide, dry chemical, water spray, alcohol or universal type foams as per manufacturer's recommendations.

FIRE-FIGHTING PROCEDURES: Wear complete fire service protective equipment, including full-face MSHA/NIOSH approved self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel.

FIRE AND EXPLOSION HAZARDS: Heat/fire conditions: vapors form flammable/explosive mixtures in air. Vapors heavy, may travel (ground, pit, sewer) to ignition source-flash. Open/closed containers may contain flammable/explosive vapors. Closed containers may explode when exposed to extreme heat (fire). Under fire conditions, may emit irritant/toxic gas and/or fumes.

SENSITIVITY TO MECHANICAL IMPACT: ND

SENSITIVITY TO STATIC DISCHARGE: ND

SECTION VI - SPILL, LEAK AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES (PRODUCT): Stop spill/leak if no risk involved. Avoid breathing vapors. Eliminate ALL sources of ignition. Ventilate area. Avoid contact with hot liquid and fumes. Take up carefully to avoid heat and sparks. Use an inert absorbent to complete a clean-up. This material reacts with oxidizing materials. This product released into the environment must be reported to the National Response Center (1 800-424-8802). When this product is spilled or leaked, the reportable quantity is 100 lbs. or more.

WASTE DISPOSAL: This product is a US EPA defined ignitable hazardous waste. Dispose of as an ignitable hazardous waste in accordance with local, state and federal regulations.

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SECTION VII - RECOMMENDED EXPOSURE LIMIT/HAZARDOUS INGREDIENTS

EXPOSURE LIMIT (PRODUCT): *exposure limits are for stoddard solvent

- **total dust
- ***10 hr. TWA
- #15 min. ceiling
- ##50 micrograms/m3

HAZARDOUS INGREDIENTS CAS NUMBER % BY WT. EXPOSURE LIMIT (PPM;MG/M3)

HAZARDOUS INGREDIENTS	CAS NUMBER	% BY WT.	EXPOSURE LIMIT (PPM;MG/M3)
Titanium Dioxide	13463-67-7	25-30	ACGIH-TLV - 10
			OSHA-TWA - 10**
Aliphatic Petroleum Distillates	64742-95-6	1-5	OSHA-TWA 400 1600
			Mineral Spirits*
Lead	7439-92-1	<0.08	OSHA-TWA 100 525
			NIOSH - 350***
			NIOSH - 1800#
Lead	7439-92-1	<0.08	ACGIH-TLV - 0.15
			OSHA-PEL ##
			NIOSH - <0.1

----- SARA TITLE III SECTION 313 CHEMICALS -----
 (SEE SECTION VII FOR CAS NUMBERS AND PERCENTAGES)

None

SECTION VIII - PERSONAL PROTECTION INFORMATION

EYE PROTECTION: Industrial safety glasses, minimum. When needed for 29 CFR 1910.133 (work area conditions), use side shields, goggles and/or faceshield. Chemical goggles; face shield (if splashing is possible).

SKIN PROTECTION: As required, industrial resistant flexible-type gloves (heavy duty neoprene or equal - see Section XII).

Wear industrial-type work clothing and safety footwear.

Depending on working conditions, i.e., contact potential, wear resistant protective garments such as head/neck cover, aprons, jackets, pants, coveralls, boots, etc.

RESPIRATORY PROTECTION: If ventilation does not maintain inhalation exposures below PEL(TLV), use MSHA/NIOSH approved units as per current 29 CFR 1910.134, Instructions/Warnings and NIOSH-Respirator Decision Logic-Pub.#87.108. If within OSHA protection factor, air purifying OV/filter units OK.

VENTILATION: Provide sufficient general/local exhaust ventilation in pattern/volume to control inhalation exposures below current exposure limits and areas below flammable vapor concentrations. Local exhaust is necessary for use in enclosed or confined spaces. See OSHA requirements/NIOSH publication 87-113 "...Confined Spaces".

SECTION IX - PERSONAL HANDLING INSTRUCTIONS

HANDLING: Avoid prolonged or repeated contact with skin or eyes. Avoid prolonged or repeated breathing of vapors, mists or fumes. Handle and use in accordance with OSHA 29CFR1910.106/local codes. Spray paint in accordance with OSHA 29 CFR 1910.107. Observe good personal hygiene practices and recommended procedures.

STORAGE: Store in areas/buildings designed to comply with OSHA 1910.106. Keep in a closed, labeled container within a cool (well shaded), dry -ventilated area. Protect from physical damage. Keep containers closed when material is not in use. Maintain good housekeeping.

OTHER: Ground and bond drums. Do not use pressure to empty drums. Do not wear contaminated clothing. Discard contaminated footwear. Keep away from heat and open flame. See SECTION XII (COMMENTS) for additional information. Do not use without fully understanding Section X - "Reactivity Data".

SECTION X - REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY: Avoid oxidizing agents, heat, sparks and open flames

HAZARDOUS REACTIONS/DECOMPOSITION/COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide upon thermal decomposition

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: None
-----SECTION XI - PHYSICAL DATA

BOILING POINT: ND

SPECIFIC GRAVITY: ND

MELTING POINT: NA

% VOLATILE BY VOL: ND

VAPOR PRESSURE: ND

EVAPORATION RATE(ETHER=1): ND

VAPOR DENSITY(AIR=1): >1

VISCOSITY: ND

SOLUBILITY negligible
(WATER):

pH: NA

VOC: ND

COEFFICIENT OF WATER/OIL DISTRIBUTION: ND

APPEARANCE/ODOR: White viscous liquid with a typical solvent odor.
-----SECTION XII - COMMENTS

Individuals with pre-existing disease in or a history of ailments involving the skin, eye, respiratory tract, liver, kidney, central nervous system are at a greater than normal risk of developing adverse effects when exposed to this material.

Airborne particulate may be generated during removal operations including abrasive blasting, sanding or grinding. See SECTION III and VII.

EMPTY CONTAINERS may retain product residue including flammable or explosive vapors. Do not cut, drill, grind or weld on or near full, partially full or empty product containers.

No known ingredients which occur at greater than 0.1% are listed as a carcinogen in the IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, the NTP Annual Report on Carcinogens or OSHA 29 CFR 1910.1001-1047 subpart Z Toxic and Hazardous Substances (Specifically Regulated Substances).

SKIN PROTECTION (protective material): Permeation/degradation values of chemical mixtures cannot be predicted from pure components or chemical classes.

Thus, these materials are normally best estimates based on available pure component data. A significant difference in chemical breakthrough time has been reported for generically similar gloves from different manufacturers (AIHA J., 48, 941-947 1987).

Do not use until manufacturer's precautions have been read/understood. Wash exposed areas promptly and thoroughly after skin contact from working with this product and before eating, drinking, using tobacco products or rest rooms.

Do not wear contact lens without proper eye protection when using this product.

Prepared By: Occupational Health and Product Safety Department

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NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Kop-Coat, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.

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